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**(54) ARTIFICIAL
INTERVERTEBRAL DISK**

(57) Abstract:

PURPOSE: To provide the artificial intervertebral disk having adequate rigidity to compression and torsional characteristic.

CONSTITUTION: Two sheets of approximately planar bodies 10, 11 consisting of bioactive ceramic materials hold an approximately planar body 14 consisting of a high-molecular elastic material having bioadaptability. The approximately planar body 14 consisting of an elastic high-molecular material is formed of at least two layers; an inside layer 12 having 0.1 to 5MPa Young's modulus and 0.05 to 0.45 Poisson ratio and an outside layer annularly enclosing the

circumference thereof and having 7 to 20MPa Young's modulus and 0.35 to 0.49 Poisson ratio.

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